

General Chemical Corporation

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7/29/87
D.S.
General
Chemical

July 29, 1987

Mr. Timothy R. Kluge
Industrial Unit, Permit Section
Division of Water Pollution Control
Illinois Environmental Protection Agency
2200 Churchill Road
Springfield, IL 62706

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Environmental Protection Agency
Division of Water Pollution Control
Permit Section-Springfield
State of Illinois

Re: Permit No. 1983-EO-1616-3

Dear Mr. Kluge:

My July 6, 1987 letter reporting analytical results for groundwater samples collected June 5, 1987 at General Chemical's East St. Louis Works indicated questionable iron concentrations were reported for wells PZ-4 and PZ-5. The lab first reported iron concentrations of 50 and 400 mg/l. respectively. New samples were collected on July 15th and analyzed for iron. The new results reported as 0.69 and 1.8 mg/l. are more consistent with historical iron data from the two wells. The following table contains the corrected iron data and should be considered our first 1987 semi-annual groundwater monitoring report replacing my July 6th letter.

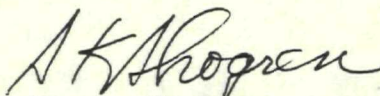
PARAMETER	PZ-3	PZ-4	PZ-5	PZ-7	PZ-8
pH	3.8	4.3	3.7	6.5	6.9
TDS	13806	2953	4445	2901	711
Sulfate	9236	1555	2978	1608	262
Iron	520	0.69	1.8	<0.03	<0.03
Manganese	57	0.58	5.6	9.5	0.11
Elevation	405.72	406.84	408.52	408.16	407.76

TDS, Sulfate, Iron and Manganese are reported as mg/l. Groundwater elevations are reported in feet above sea level. Results are from June 5, 1987 samples, except irons for PZ-4 and PZ-5 are from repeat samples collected July 15, 1987.

We trust this report satisfies Special Condition 2 of Supplemental Permit No. 1983-EO-1616-3.

CONFIDENTIAL

Sincerely,



S. K. Shogren
Supervisor - Environmental Services

cc: R. Schleuger - IEPA, Collinsville

